LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088692.D
Acq On : 4 Jul 2016 13:34
Operator : UM/SJ
Sample : H3822-07
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : D10-B1(6-12)C

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.724	4	12	15	rVB	207260	593387	19.72%	2.528%
2	1.850	21	23	34	rVV	46926	68549	2.28%	0.292%
3	1.998	34	36	45	rVB	54893	72649	2.41%	0.309%
4	4.958	292	295	300	rBB	145494	207422	6.89%	0.884%
5	5.381	329	332	335	rBV	1993232	2643242	87.83%	11.259%
6	6.433	420	424	426	rBV	2076890	3009342	100.00%	12.819%
7	6.559	432	435	437	rBV	2847422	2887640	95.96%	12.300%
8	6.787	453	455	457	rBV	777365	616643	20.49%	2.627%
9	6.947	466	469	471	rVB	2353125	2227973	74.04%	9.490%
10	7.347	501	504	507	rBV	1270877	1684393	55.97%	7.175%
11	8.067	565	567	570	rBV	692028	722695	24.02%	3.078%
12	9.153	659	662	664	rBV	2806772	2869051	95.34%	12.221%
13	9.542	694	696	698	rBV	511523	407211	13.53%	1.735%
14	9.816	718	720	723	rVB2	628911	693971	23.06%	2.956%
15	10.605	787	789	792	rBV	1375622	1253116	41.64%	5.338%
16	10.730	799	800	805	rVB	50408	56653	1.88%	0.241%
17	11.302	847	850	852	rVB	411943	566169	18.81%	2.412%
18	12.879	985	988	991	rBV	1762101	1667700	55.42%	7.104%
19	13.817	1066	1070	1077	rBV2	32143	92998	3.09%	0.396%
20	13.919	1077	1079	1082	rVB	685124	625138	20.77%	2.663%
21	14.777	1151	1154	1156	rBV	46273	55081	1.83%	0.235%
22	15.314	1198	1201	1204	rBV	372106	455421	15.13%	1.940%

Sum of corrected areas: 23476444

LSC Report - Integrated Chromatogram

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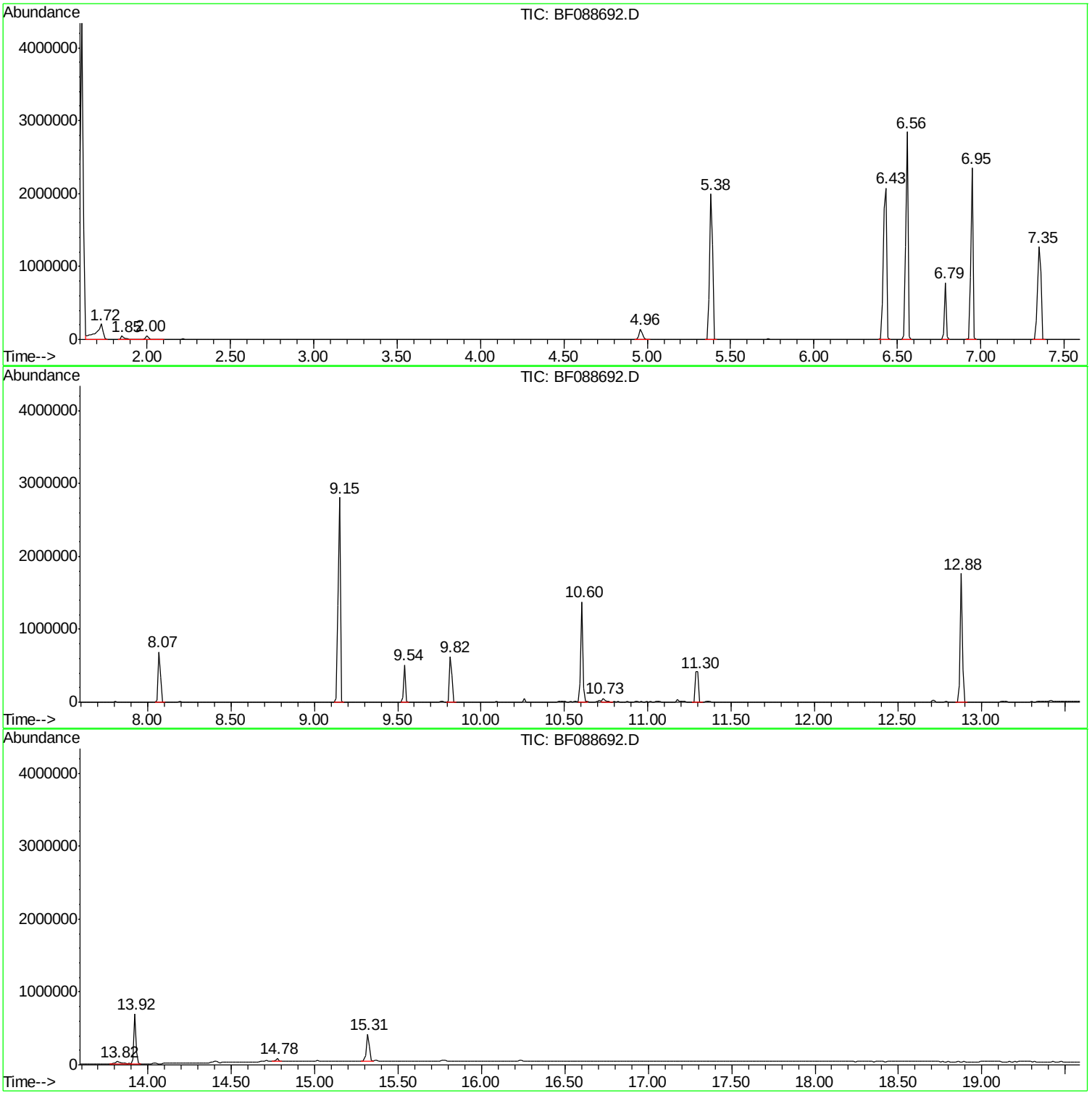
ClientSampleId : D10-B1(6-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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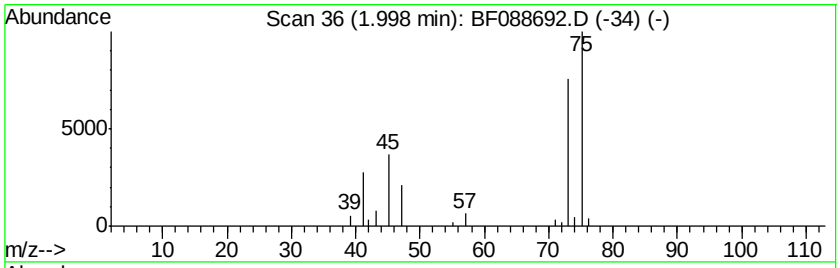
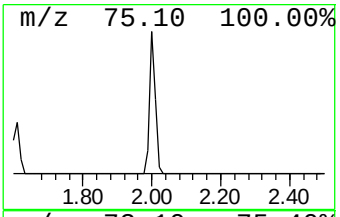
****

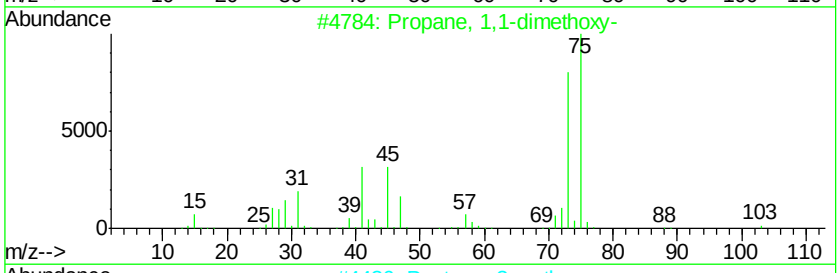
Peak Number 3 Propane, 1,1-dimethoxy- Concentration Rank 7

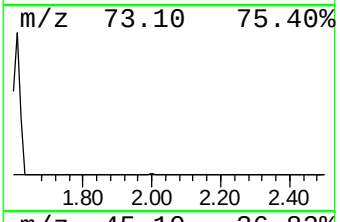
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.00	2.36 ng	72649	1,4-Dichlorobenzene-d4	6.79

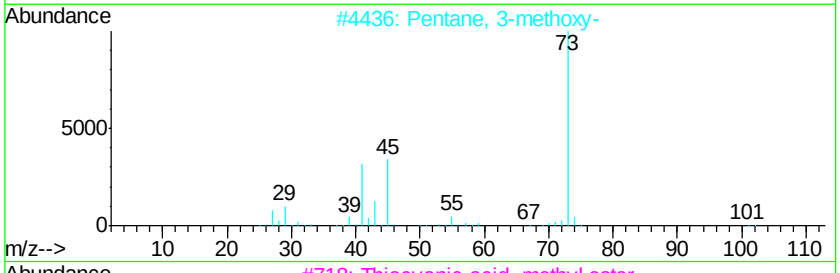
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	14
3	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
4	1,3-Dioxolane, 2-(chloromethyl)-	122	C4H7ClO2	002568-30-1	9
5	Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	9

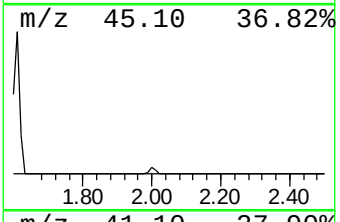


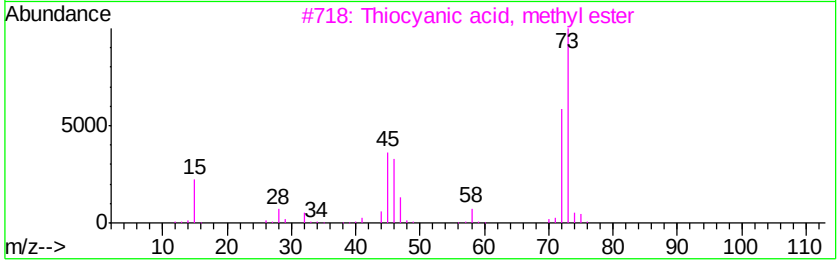


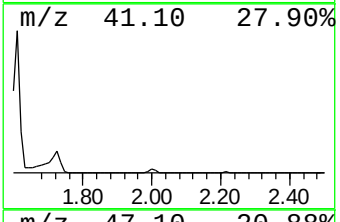


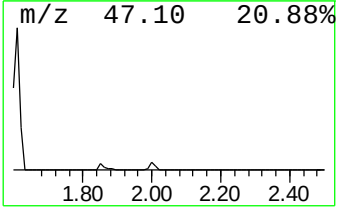












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Instrument : BNA_F
ClientSampleId : D10-B1(6-12)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

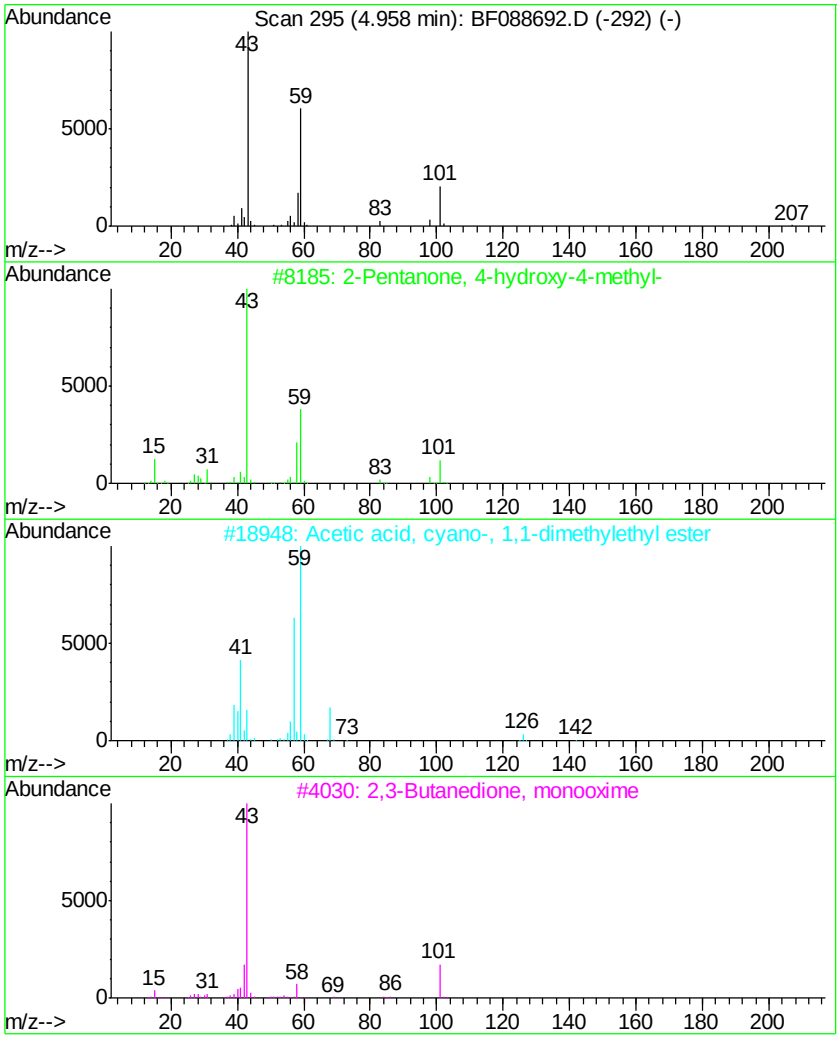
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

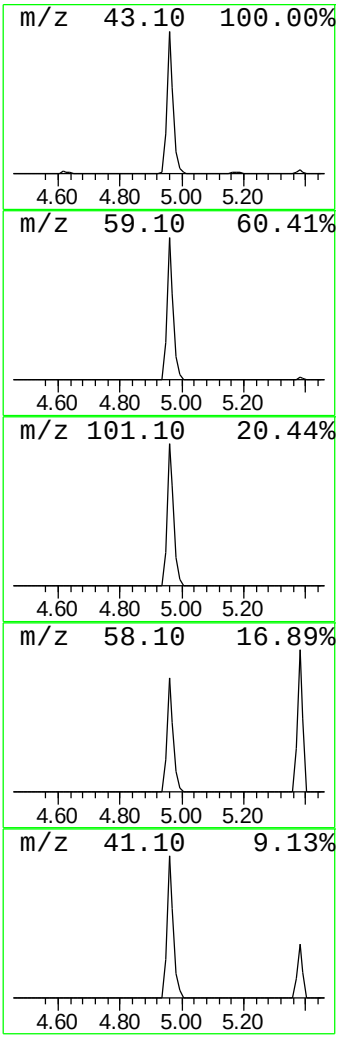
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	6.73 ng	207422	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Dimethadione	129	C5H7NO3	000695-53-4	9





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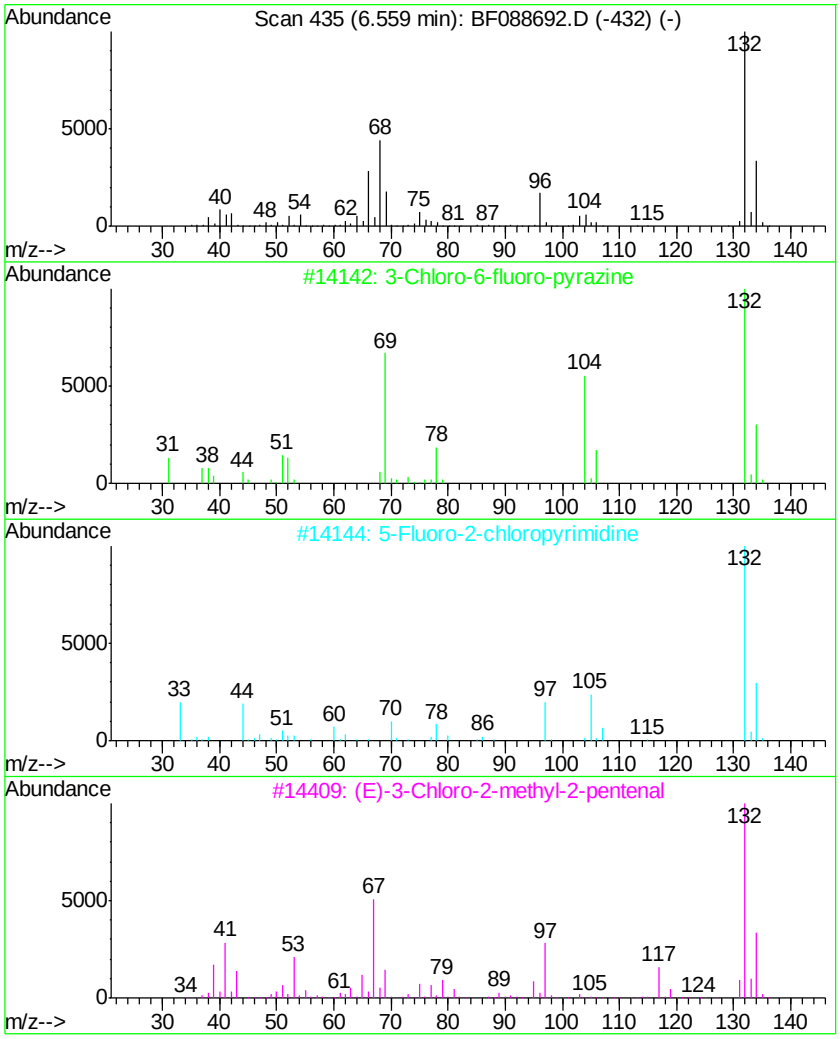
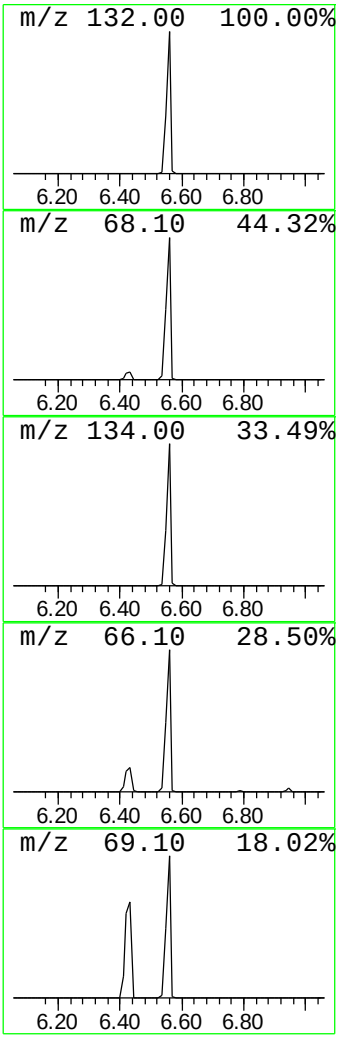
****

Peak Number 5 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	93.66 ng	2887640	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_F
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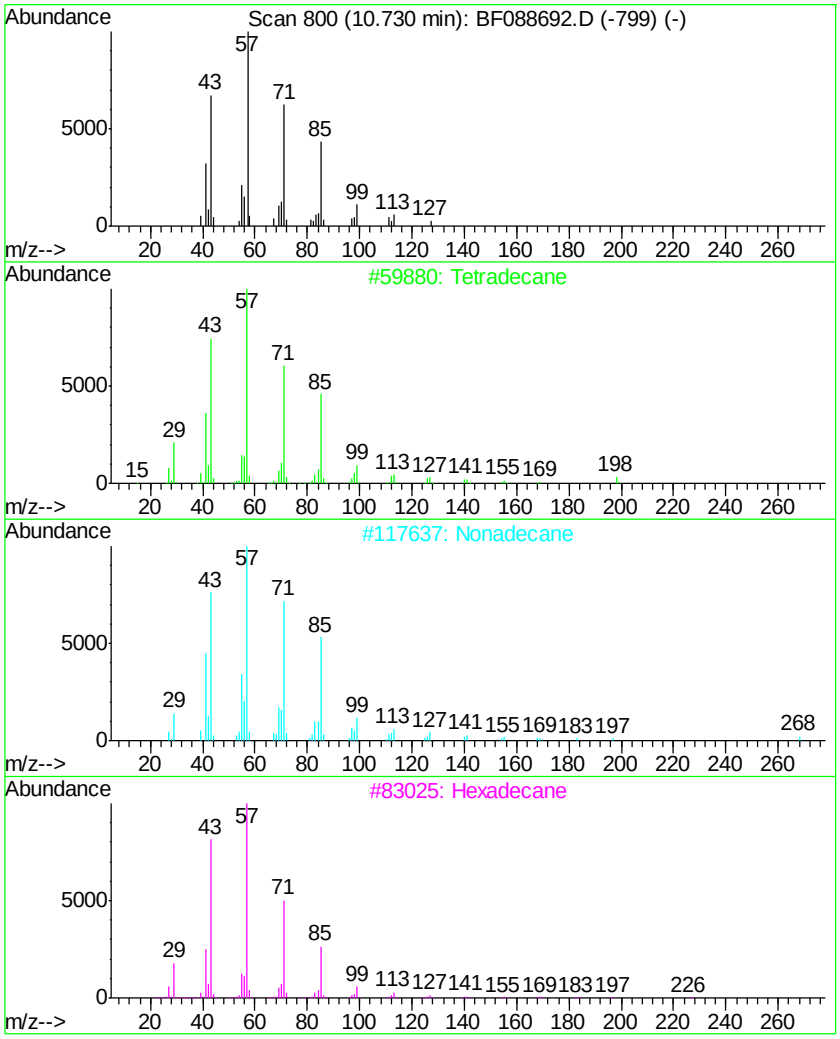
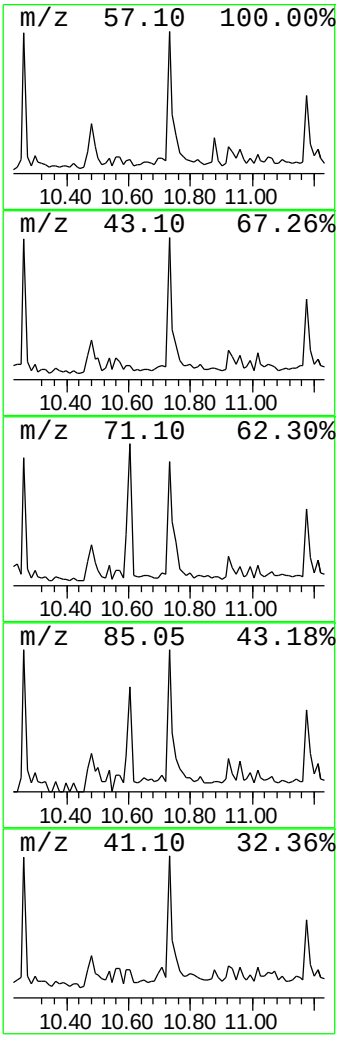
****

Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.00 ng	56653	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Nonadecane	268	C19H40	000629-92-5	83
3	Hexadecane	226	C16H34	000544-76-3	72
4	Pentadecane	212	C15H32	000629-62-9	59
5	Eicosane	282	C20H42	000112-95-8	59





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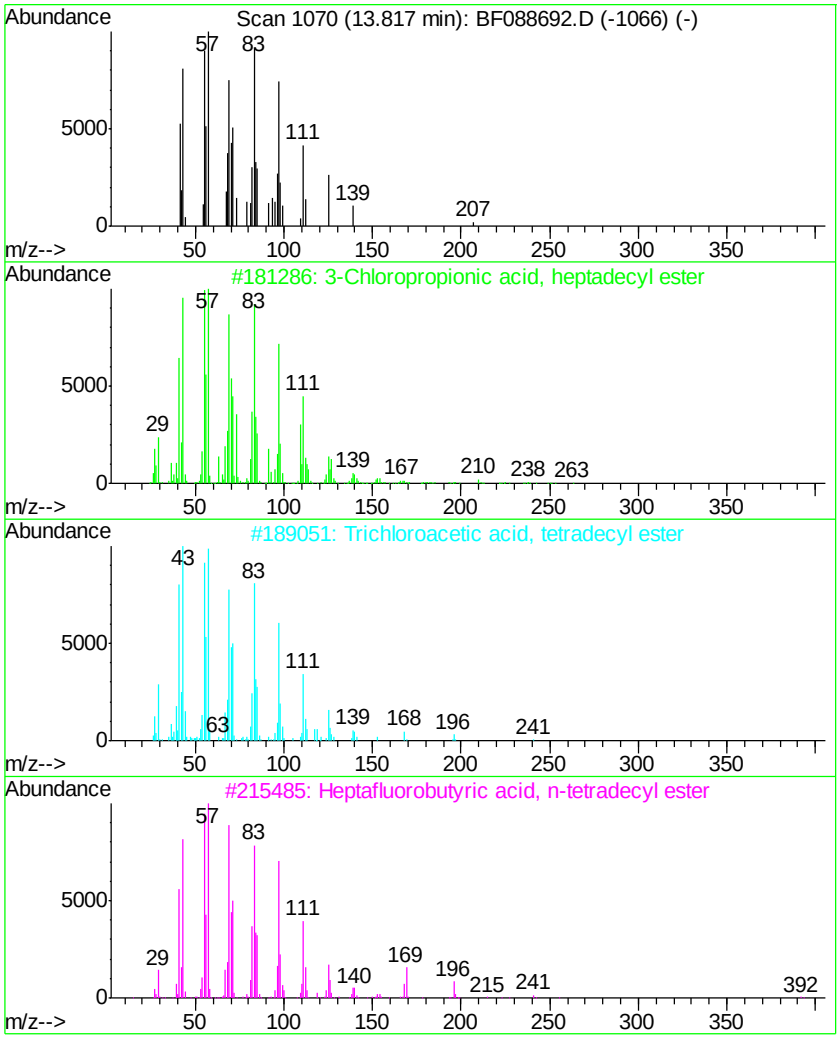
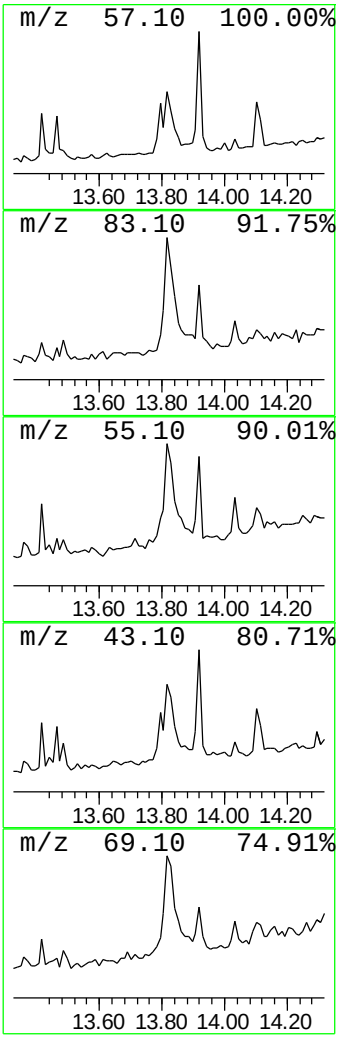
****

Peak Number 8 3-Chloropropionic acid, hep... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	2.98 ng	92998	Chrysene-d12	13.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





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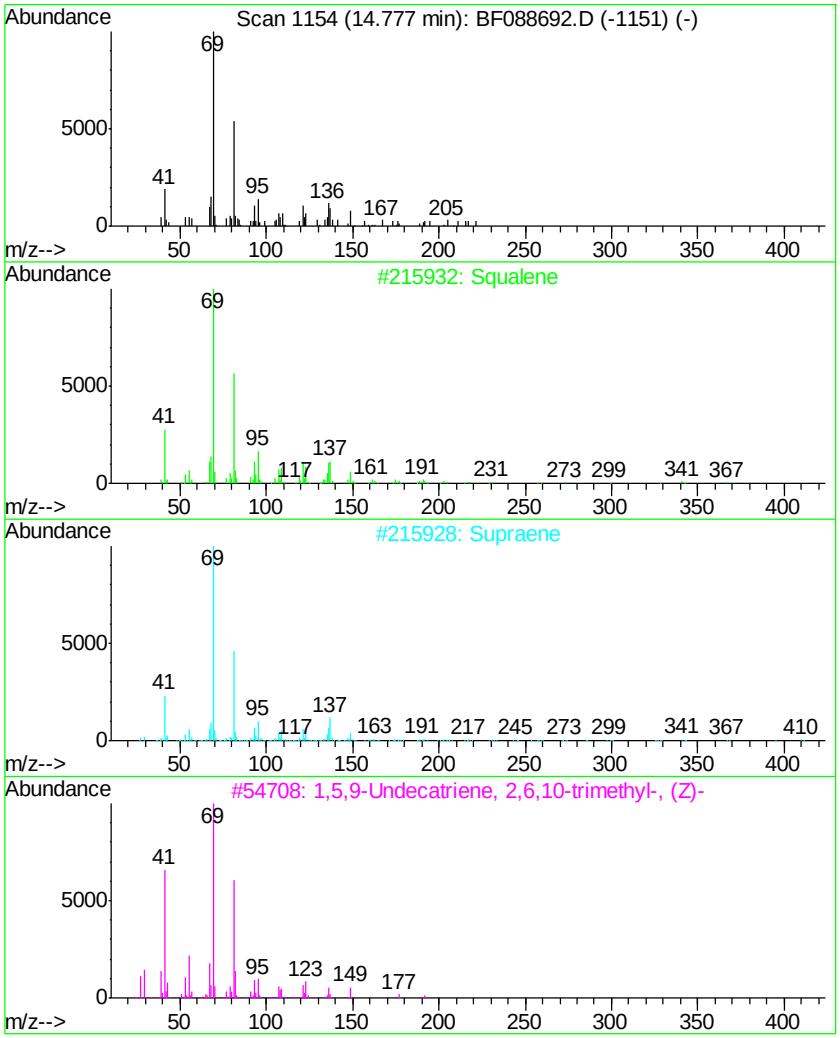
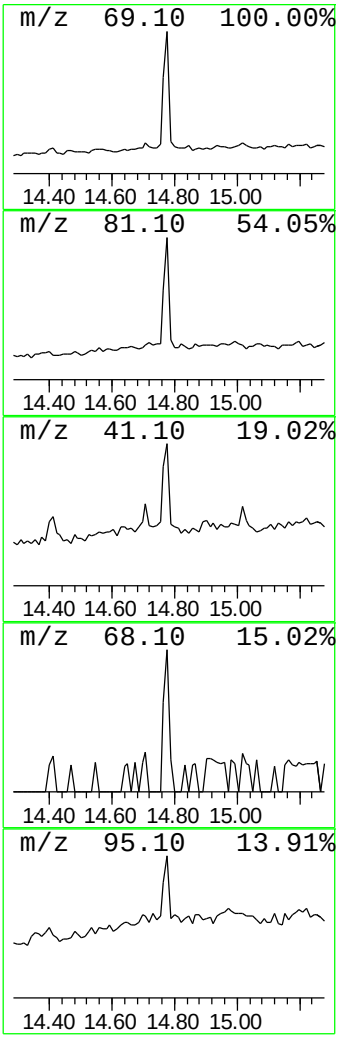
Peak Number 9 Squalene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	2.42 ng	55081	Perylene-d12	15.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	86
2	Supraene	410	C30H50	007683-64-9	80
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	68
4	3,7,11-Tridecatrienenitrile, 4,8...	231	C16H25N	006006-01-5	64
5	Carbonic acid, methyl ester, [(E...	280	C17H28O3	1000164-38-7	59





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	2.00	2.4	ng	72649	1	6.79	616643	20.0
2-Pentanone, 4-hy...	4.96	6.7	ng	207422	1	6.79	616643	20.0
unknown6.56	6.56	93.7	ng	2887640	1	6.79	616643	20.0
Tetradecane	10.73	2.0	ng	56653	4	11.30	566169	20.0
3-Chloropropionic...	13.82	3.0	ng	92998	5	13.92	625138	20.0
Squalene	14.78	2.4	ng	55081	6	15.31	455421	20.0